

# ABSTRACT OF THE DISCLOSURE

Disclosed herein is a coating solution for use in forming Bi-based ferroelectric thin films comprises a specified compound, such as triglyme, dipivaloylmethane, pinacol, pivalic acid or hexyleneglycol, in combination with an organometallic compound containing metallic elements of which a Bi-based ferroelectric thin film to be formed is composed. Disclosed also herein is a method of forming Bi-based ferroelectric thin films using the coating solution.